



# Public Notice

**Applicant:**  
City of Akron

**Date:**  
Published: April 2, 2004  
Expires: May 1, 2004

**U.S. Army Corps  
of Engineers**

**In Reply Refer To:**

Buffalo District **CELRB-TD-R RE:** 2003-00969(0) **Section:** OH 404

**Application for Permit under Authority of  
Section 404 of the Clean Water Act (33 U.S.C. 1344).**

The City of Akron, 166 South High Street, Akron, Ohio 44308-1652 has applied for Department of the Army authorization to create a new stabilized channel for an unnamed tributary to Sand Run. The project is located within the Fairlawn Country Club, near Wheaton Road, in the City of Akron, Summit County, Ohio.

Department of the Army authorization is required to place fill material in approximately 2,000 linear feet of an unnamed tributary to Sand Run.

The applicant is proposing to create a new stabilized channel for the unnamed tributary to Sand Run, including the addition of cross vanes to provide bed stabilization and J-hook vanes.

The stated purpose of the project is the restoration of the unnamed tributary to Sand Run, including enhancement and restoration of the riparian corridor and flood plain.

Location and details of the above described work are shown on the attached maps and drawings.

Questions pertaining to the work described in this notice should be directed to Claudia R. Steele, who can be contacted by calling (716) 879-4294, or by e-mail at: Claudia.R.Steele@usace.army.mil

The following authorization(s) may be required for this project:

Water Quality Certification (or waiver thereof) from the Ohio Environmental Protection Agency.

Based on preliminary findings, there do not appear to be any properties listed in, or eligible for listing in, the National Register of Historic Places within the permit area as shown on Sheet 1 of 5. This notice constitutes initiation of consultation with the Ohio Historic Preservation Office (SHPO) per Section 106 of the National Historic Preservation Act. All currently available historic resource information pertaining to this proposed project if any has been provided to the SHPO. Additional information concerning historic properties should be submitted to the Corps before the end of the comment period of this notice. The Corps will forward that information to the SHPO for their review.

In addition, available evidence indicates that the proposed work will not affect a species proposed or designated by the U.S. Department of the Interior as threatened or endangered, nor will it affect the critical habitat of any such species.

This notice is promulgated in accordance with Title 33, Code of Federal Regulations, parts 320-330. Any interested party desiring to comment on the work described herein may do so by submitting their comments, in writing, so that they are received no later than 4:30 pm on the expiration date of this notice.

Comments should be sent to the U. S. Army Corps of Engineers, 1776 Niagara Street, Buffalo, New York 14207, and should be marked to the attention of Claudia R. Steele, or by e-mail at: Claudia.R.Steele@usace.army.mil. A lack of response will be interpreted as meaning that there is no objection to the work as proposed.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments will be made a part of the administrative record which is available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any individual may request a public hearing by submitting their written request, stating the specific reasons for holding a hearing, in the same manner and time period as other comments.

Public hearings for the purposes of the Corps permit program will be held when the District Commander determines he can obtain additional information, not available in written comments, that will aid him in the decision making process for this application. A Corps hearing is not a source of information for the general public, nor a forum for the resolution of issues or conflicting points of view (witnesses are not sworn and cross examination is prohibited). Hearings will not be held to obtain information on issues unrelated to the work requiring a permit, such as property ownership, neighbor disputes, or the behavior or actions of the public or applicant on upland property not regulated by the Department of the Army. Information obtained from a public hearing is given no greater weight than that obtained from written comments. Therefore, you should not fail to make timely written comments because a hearing might be held.

The decision to approve or deny this permit request will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

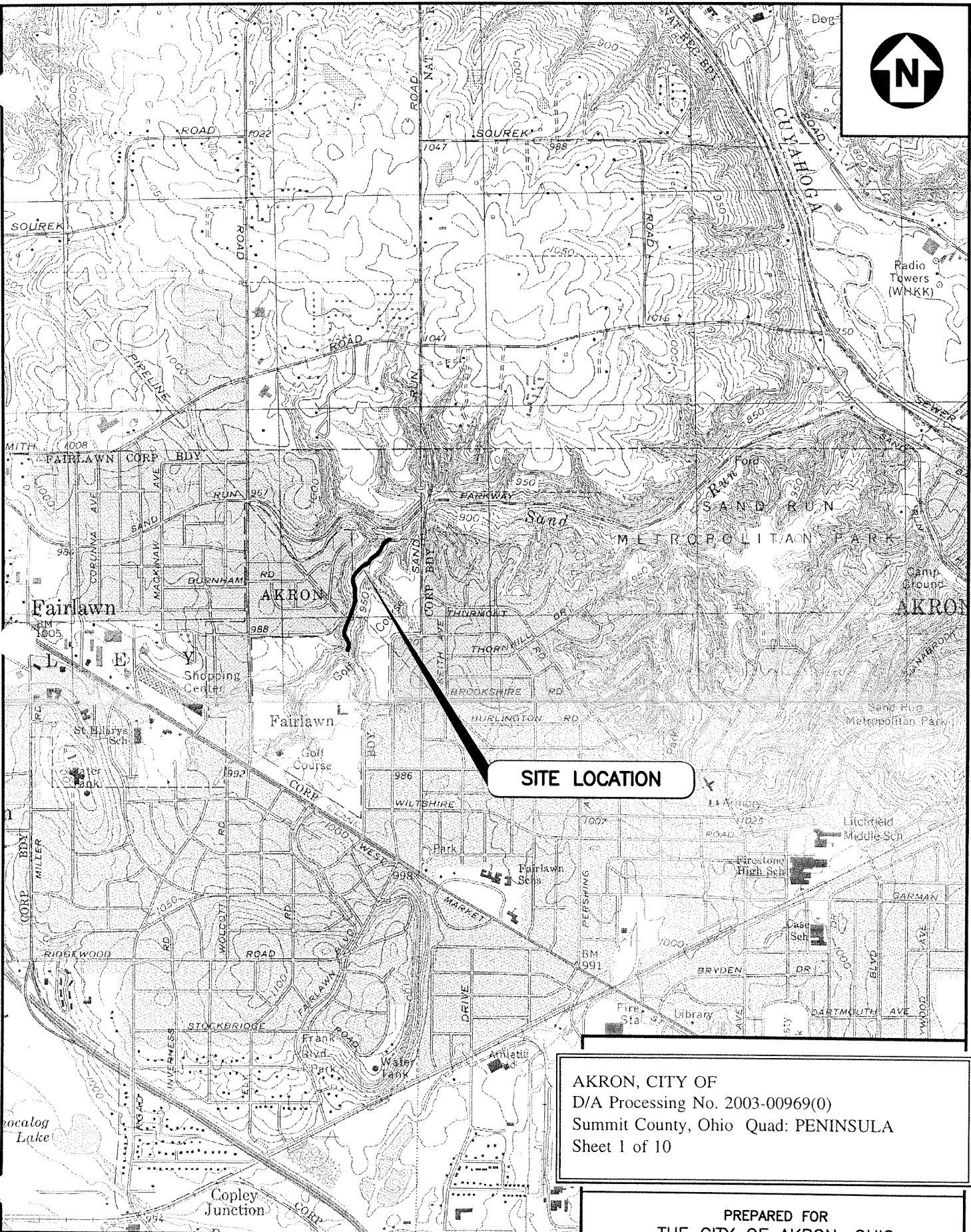
The Corps of Engineers is soliciting comments from the public; Federal, state and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the

preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

**SIGNED**

Philip D. Frapwell  
Acting Chief, Regulatory Branch

NOTICE TO POSTMASTER: It is requested that this notice be posted continuously and conspicuously for 30 days from the date of issuance.

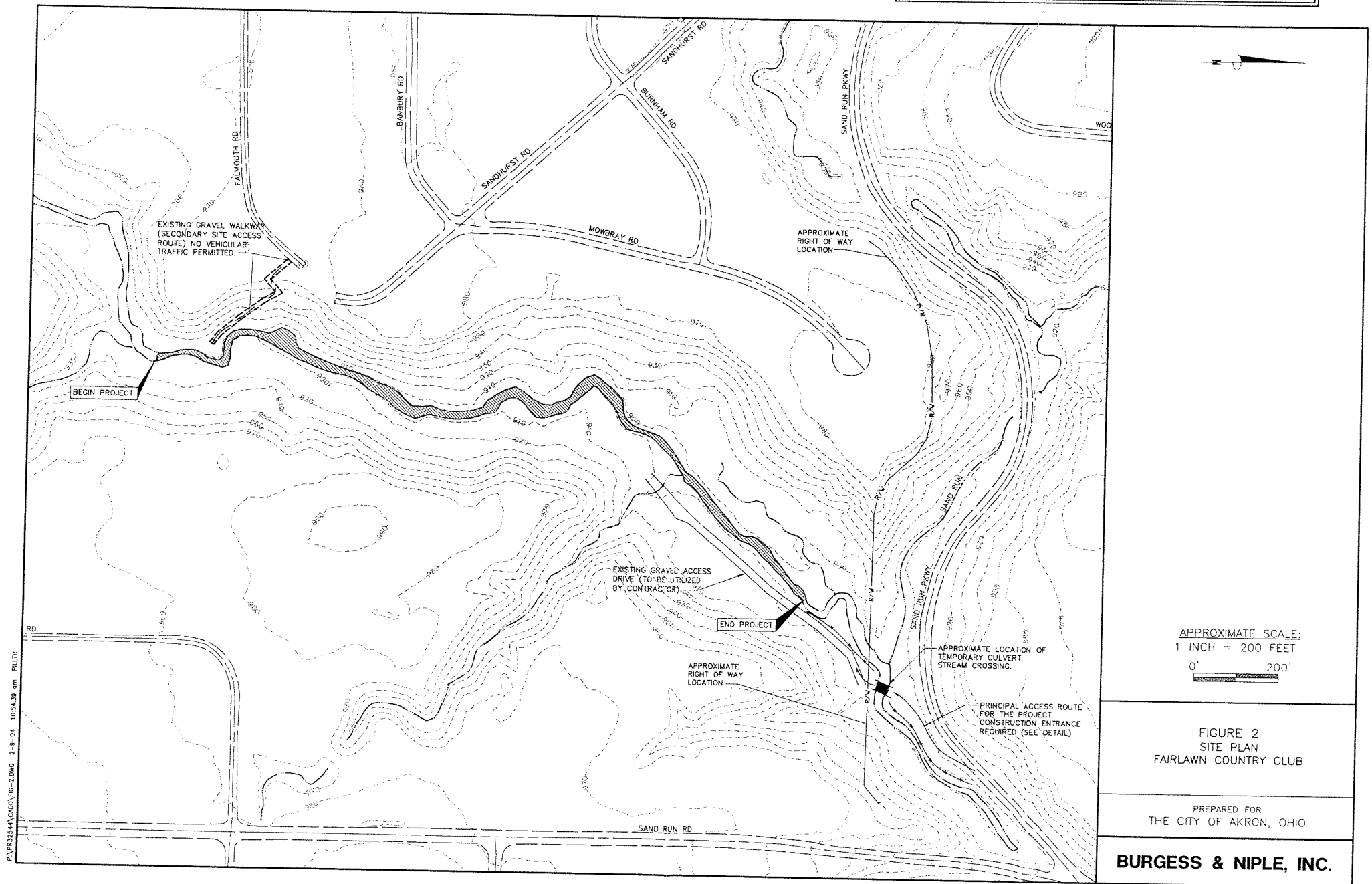


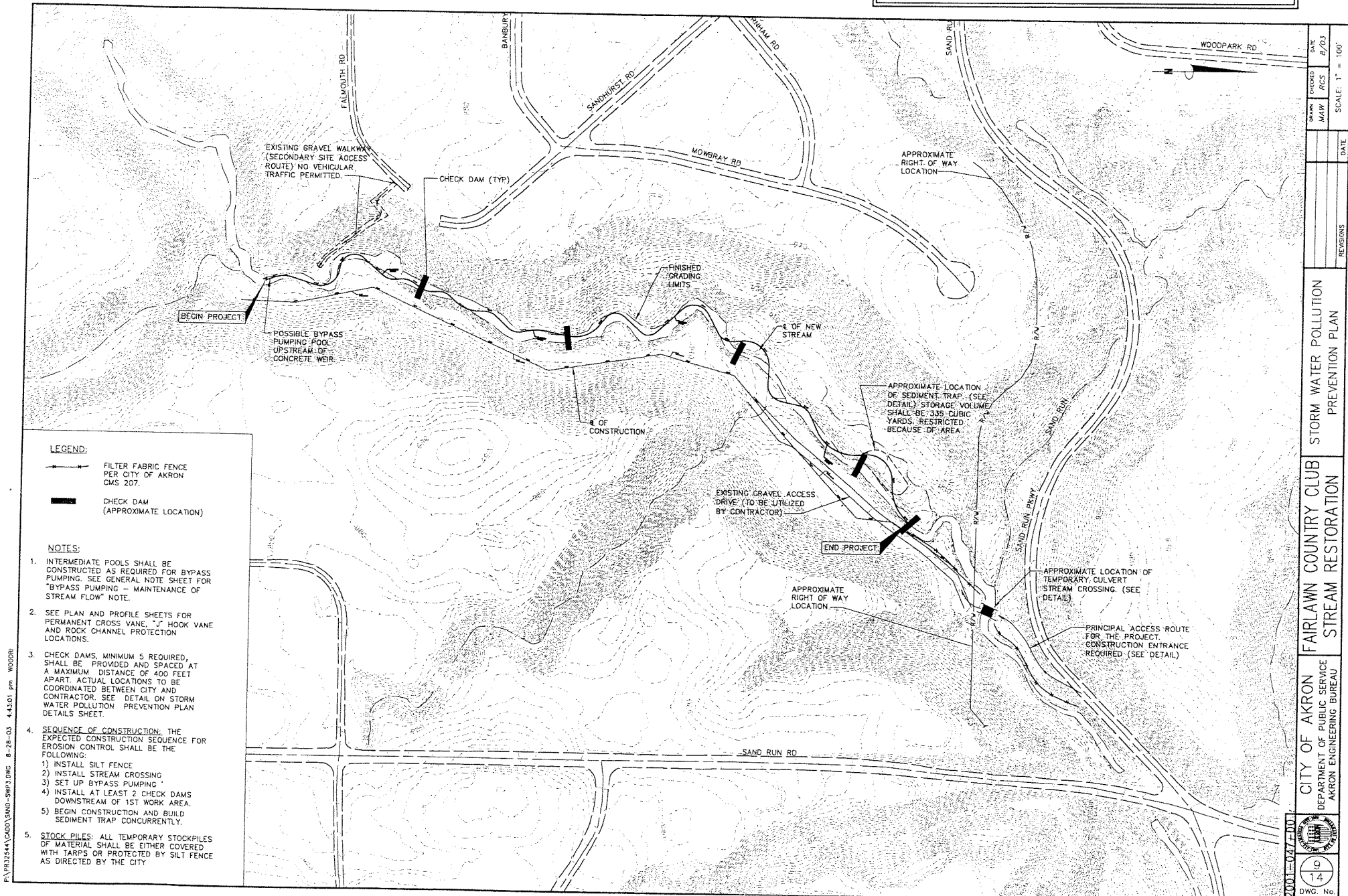
AKRON, CITY OF  
D/A Processing No. 2003-00969(0)  
Summit County, Ohio Quad: PENINSULA  
Sheet 1 of 10

PREPARED FOR  
THE CITY OF AKRON, OHIO

**BURGESS & NIPLE, INC.**

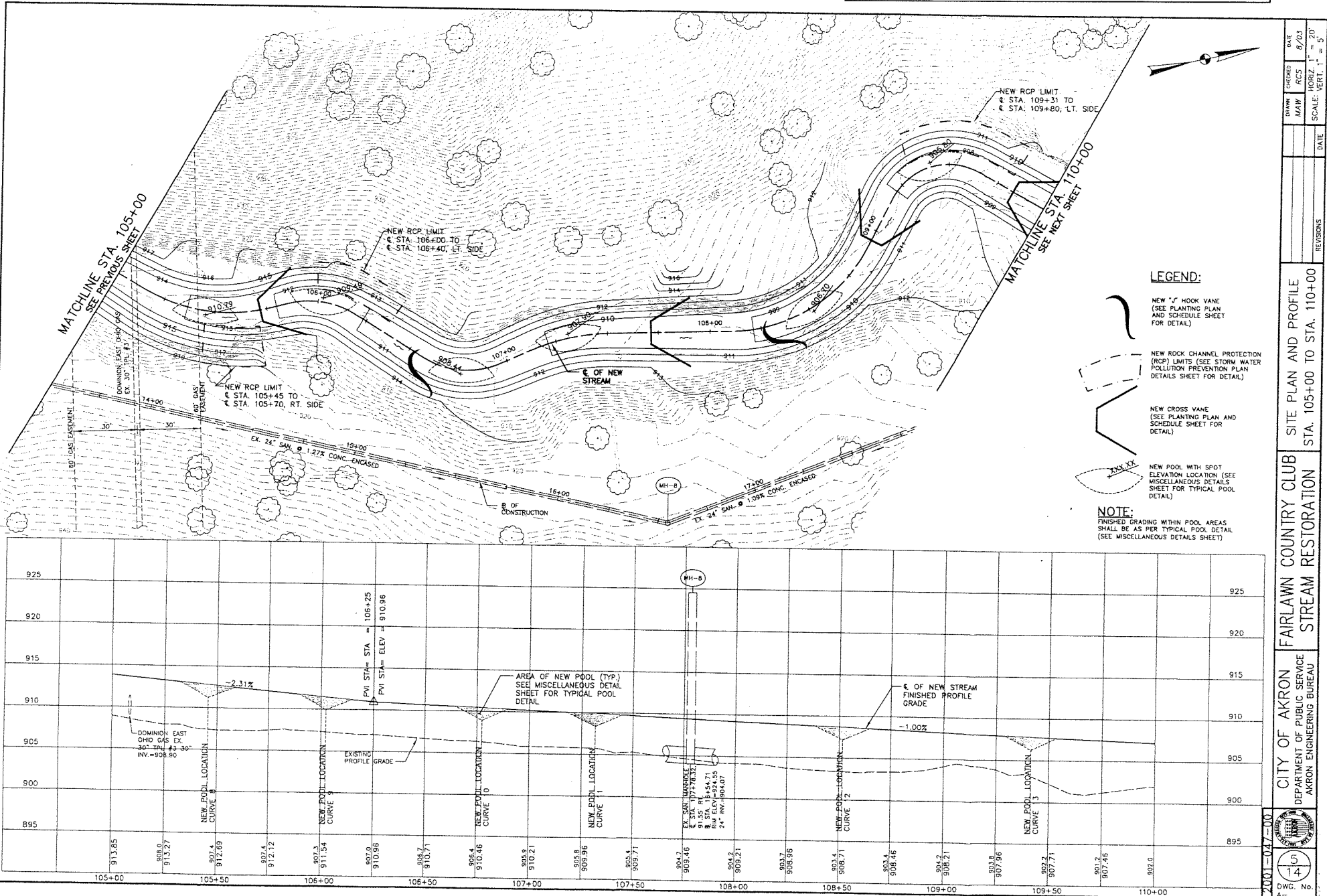
REFERENCE:  
USGS TOPOGRAPHIC MAP OF AKRON WEST AND PENINSULA, OHIO  
7.5 MINUTE SERIES QUADRANGLES  
(1967, PHOTOREVISED 1992). SCALE 1"=2000'



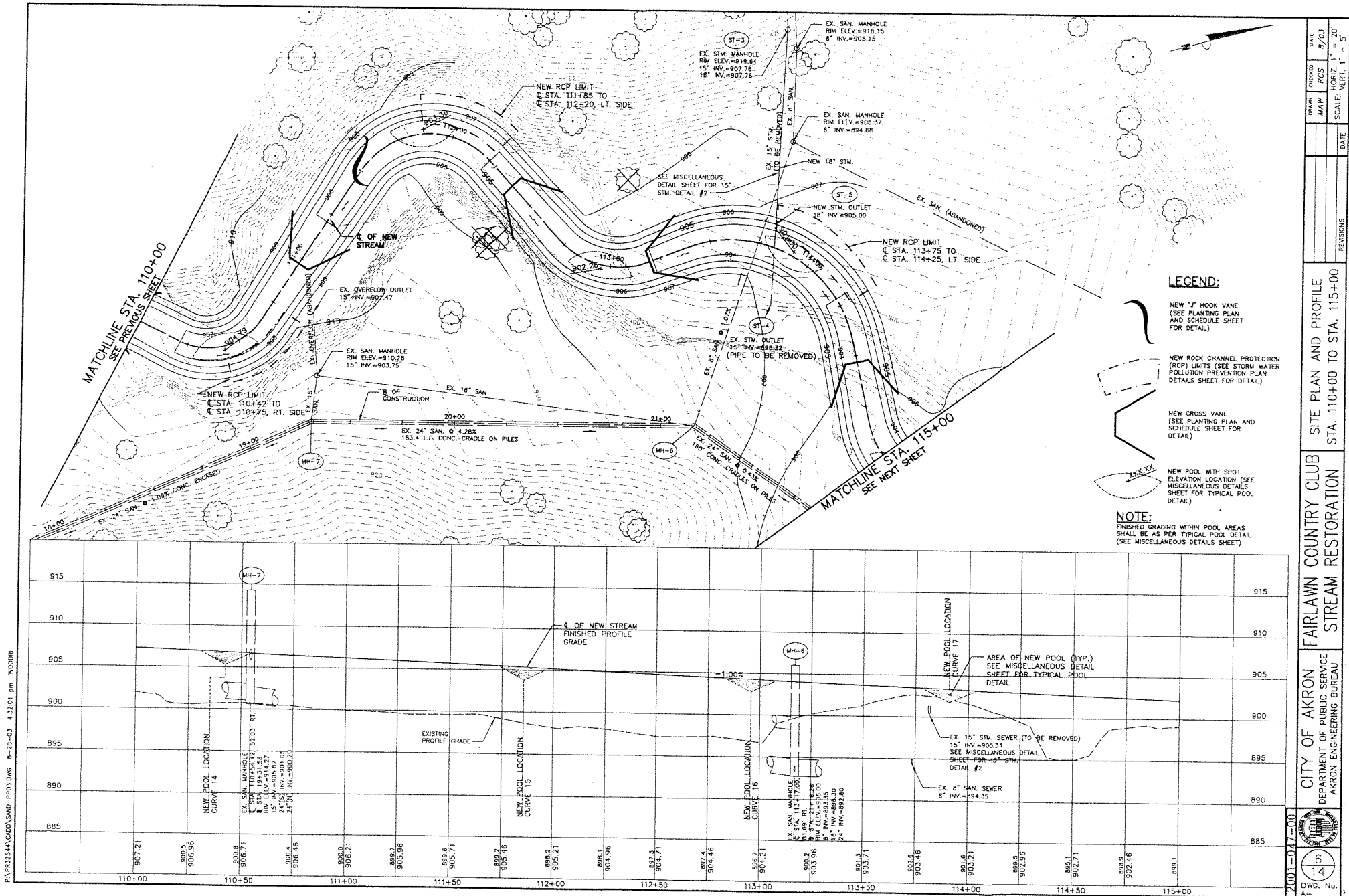


DATE	8/03
CREATED	RCS
DRAWN	MAW
SCALE	1" = 100'
DATE	
REVISIONS	
FAIRLAWN COUNTRY CLUB	STORM WATER POLLUTION PREVENTION PLAN
CITY OF AKRON	STREAM RESTORATION
DEPARTMENT OF PUBLIC SERVICE	
AKRON ENGINEERING BUREAU	
2001-047-E-1001	
14	
DWG. No.	





AKRON, CITY OF  
D/A Processing No. 2003-00969(0)  
Summit County, Ohio Quad: PENINSULA  
Sheet 6 of 10



AKRON, CITY OF  
D/A Processing No. 2003-00969(0)  
Summit County, Ohio Quad: PENINSULA  
Sheet 7 of 10

LEGEND:

NEW ROCK CHANNEL PROTECTION (RCP) LIMITS (SEE STORM WATER POLLUTION PREVENTION PLAN DETAILS SHEET FOR DETAIL)

NEW POOL WITH SPOT ELEVATION LOCATION (SEE MISCELLANEOUS DETAILS SHEET FOR TYPICAL POOL DETAIL)

NEW "J" HOOK VANE (SEE PLANTING PLAN AND SCHEDULE SHEET FOR DETAIL)

NEW CROSS VANE (SEE PLANTING PLAN AND SCHEDULE SHEET FOR DETAIL)

NOTES:

FINISHED GRADING WITHIN POOL AREAS SHALL BE AS PER TYPICAL POOL DETAIL (SEE MISCELLANEOUS DETAILS SHEET)

MAINTAIN SWALE IN NEW ROCK CHANNEL PROTECTION

MATCHLINE STA 115+00  
SEE PREVIOUS SHEET

NEW RCP LIMIT  
STA. 116+00 TO  
STA. 116+25, LT. SIDE

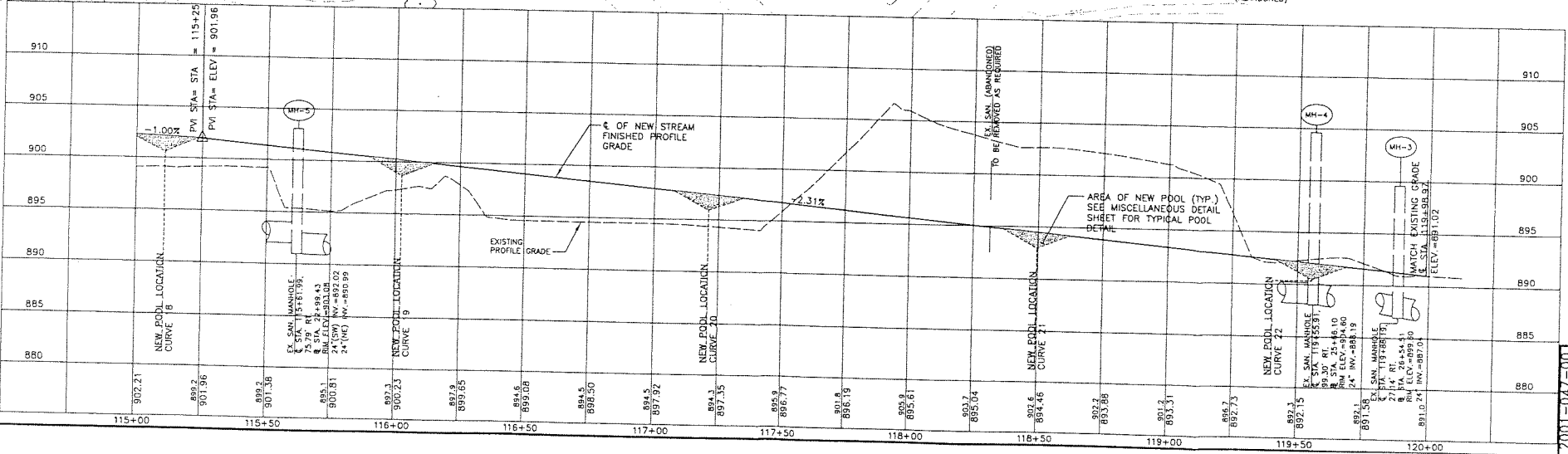
NEW RCP LIMIT  
STA. 115+10 TO  
STA. 115+40, RT. SIDE

NEW RCP LIMIT  
STA. 116+50 TO  
STA. 117+23, RT. SIDE

NEW RCP LIMIT  
STA. 118+10 TO  
STA. 118+75, LT. SIDE

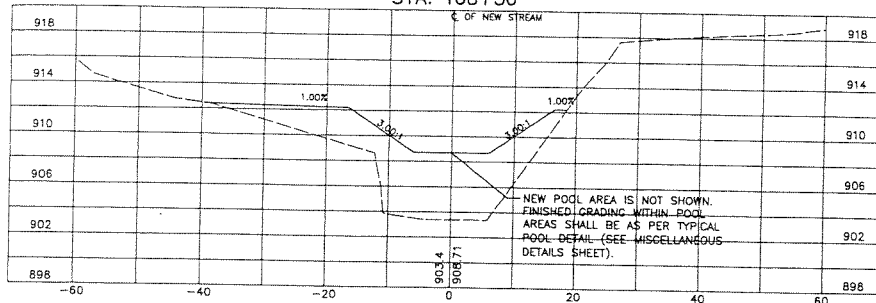
APPROXIMATE SEDIMENT TRAP LOCATION (SEE DETAIL ON BLOCK WATER POLLUTION PLAN DETAIL SHEET)

END PROJECT

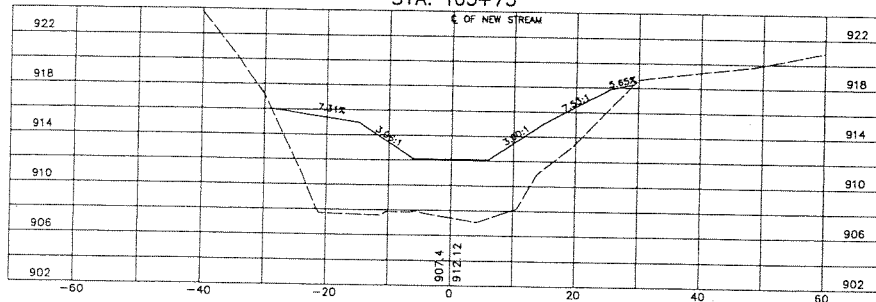


CITY OF AKRON DEPARTMENT OF PUBLIC SERVICE AKRON ENGINEERING BUREAU	FAIRLAWN COUNTRY CLUB STREAM RESTORATION	SITE PLAN AND PROFILE STA. 115+00 TO ENDING	DATE	8/03
			SCALE: HORIZ. 1" = 20' VERT. 1" = 5'	
			CHECKED	MAW
			DATE	REVISIONS
2001-047-00 DWG. No. 14				

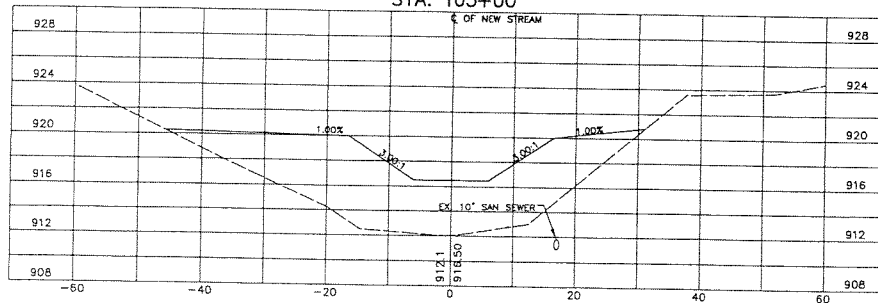
STA. 108+50



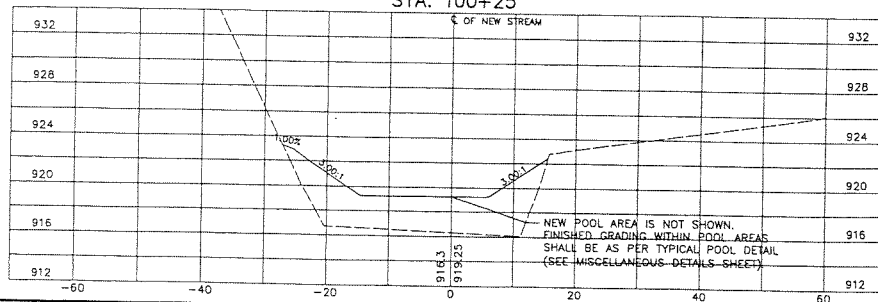
STA. 105+75



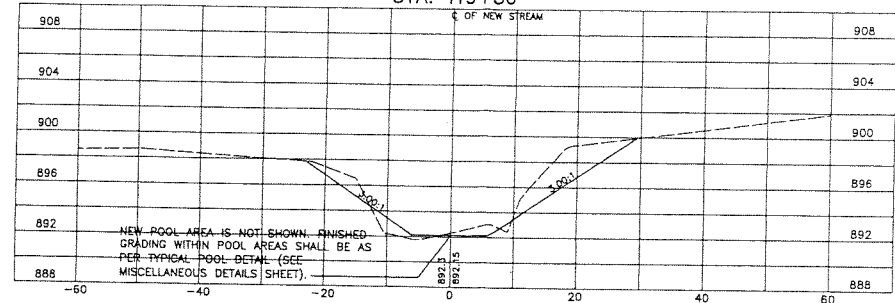
STA. 103+00



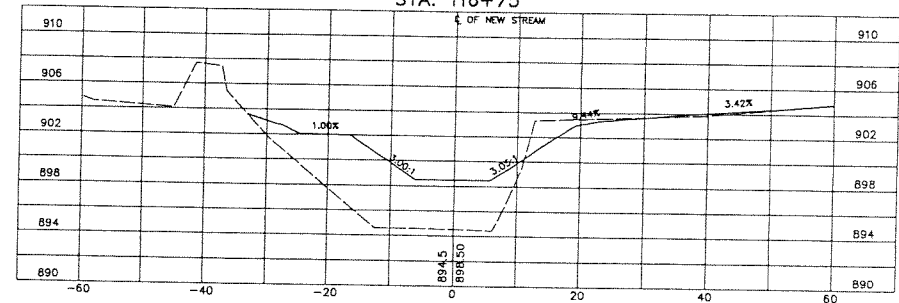
STA. 100+25



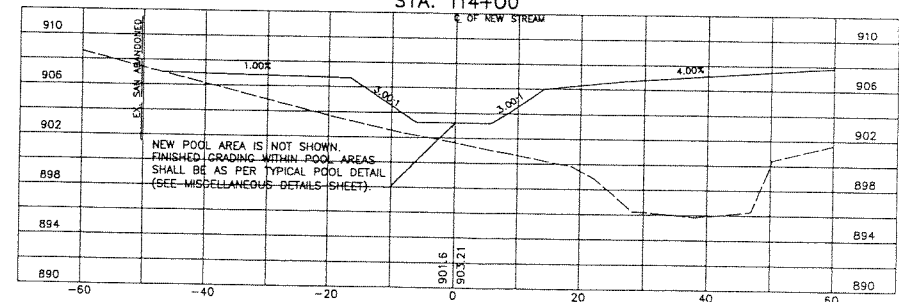
STA. 119+50



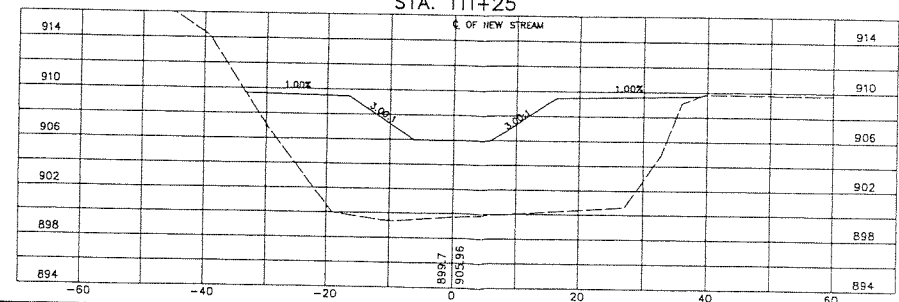
STA. 116+75



STA. 114+00

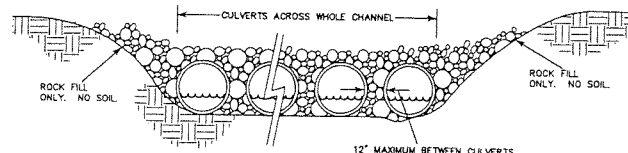


STA. 111+25

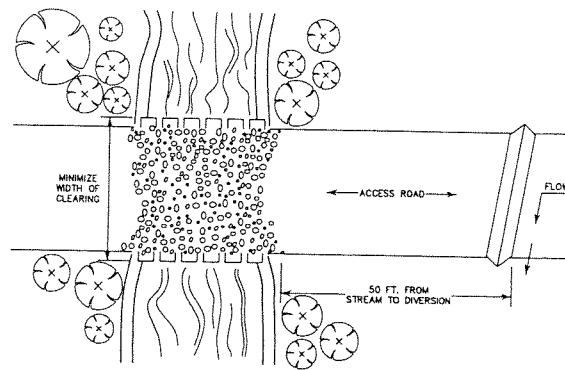


## TEMPORARY CULVERT STREAM CROSSING

1. STREAM DISTURBANCE --- DISTURBANCE TO THE STREAM SHALL BE KEPT TO A MINIMUM. STREAMBANK VEGETATION SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICAL AND THE STREAM CROSSING SHALL BE AS NARROW AS PRACTICAL.
2. CLEARING SHALL BE DONE BY CUTTING NOT GRUBBING. THE ROOTS AND STUMPS SHALL BE LEFT IN PLACE TO HELP STABILIZE THE BANKS AND ACCELERATE REVEGETATION.
3. TO MINIMIZE INTERFERENCE WITH FISH SPAWNING AND MIGRATION, CROSSING CONSTRUCTION SHOULD BE AVOIDED WHERE PRACTICAL FROM MARCH 15 THROUGH JUNE 15.
4. WATER SHALL NOT BE ALLOWED TO FLOW ALONG THE ROAD DIRECTLY TO THE STREAM. DIVERSIONS AND SWALES SHALL DIRECT RUNOFF AWAY FROM THE ACCESS ROAD TO A SEDIMENT-CONTROL PRACTICE.
5. PLACEMENT --- CULVERTS SHALL BE PLACED ON THE EXISTING STREAMBED TO AVOID A DROP OR WATERFALL AT THE DOWNSTREAM END OF THE PIPE, WHICH WOULD BE A BARRIER TO FISH MIGRATION. CROSSINGS SHALL BE MADE IN SHALLOW AREAS RATHER THAN DEEP POLLS WHERE POSSIBLE.
6. CULVERT SIZE --- CULVERT DIAMETER SHALL BE AT LEAST THREE TIMES THE DEPTH OF NORMAL STREAM FLOW AT THE POINT OF THE STREAM CROSSING. IF THE CROSSING MUST BE PLACED IN DEEP, SLOW-MOVING POOLS, THE CULVERT DIAMETER MAY BE REDUCED TO TWICE THE DEPTH OF NORMAL STREAM FLOW. THE MINIMUM SIZE CULVERT THAT MAY BE USED IS 18-INCH.
7. NUMBER OF CULVERTS --- THERE SHALL BE SUFFICIENT NUMBER OF CULVERTS TO COMPLETELY CROSS THE STREAM CHANNEL FROM STREAMBANK TO STREAMBANK WITH NO MORE THAN A 12-INCH SPACE BETWEEN EACH ONE.
8. FILL AND SURFACE MATERIAL --- ALL MATERIAL PLACED IN THE STREAM CHANNEL AROUND THE CULVERTS AND ON THE SURFACE OF THE CROSSING SHALL BE STONE, ROCK OR AGGREGATE. ODOT NO. 1 SHALL BE THE MINIMUM ACCEPTABLE SIZE. TO PREVENT WASHOUTS, LARGER STONE AND ROCK MAY BE USED AND THEY MAY BE PLACED IN GABION MATTRESSES. NO SOIL SHALL BE USED IN THE CONSTRUCTION OF A STREAM CROSSING OR PLACED IN THE STREAM CHANNEL.
9. REMOVAL --- AGGREGATE STONE AND ROCK USED FOR THIS STRUCTURE DOES NOT NEED TO BE REMOVED. CARE SHOULD BE TAKEN SO THAT ANY AGGREGATE LEFT DOES NOT CREATE AN IMPOUNDMENT OR IMPEDE FISH PASSAGE. ALL PIPES, CULVERTS, GABIONS OR STRUCTURES MUST BE REMOVED. REMOVAL SHALL BE PER CITY REQUIREMENTS.
10. RESTORATION --- STREAMBANKS SHALL BE STABILIZED. PLANTING SHALL BE PER THE CITIES PLANTING REQUIREMENTS ON SHEET 12 FOR CHANNEL PROTECTION. INCLUDE WOODY VEGETATION WHERE PRACTICAL.



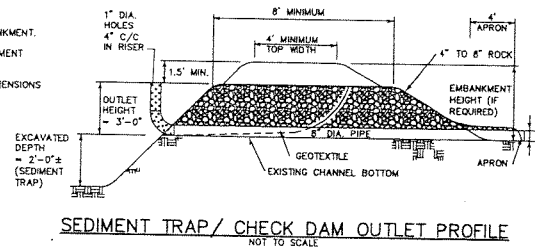
TEMPORARY CULVERT STREAM CROSSING SECTION  
NOT TO SCALE



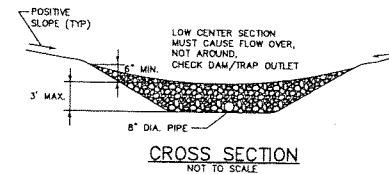
TEMPORARY CULVERT STREAM CROSSING PLAN VIEW  
NOT TO SCALE

## SEDIMENT TRAPS

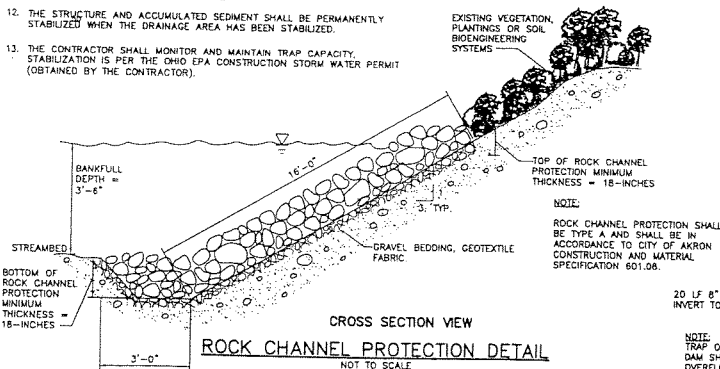
1. SEDIMENT TRAPS SHALL BE CONSTRUCTED AND OPERATIONAL BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
2. THE AREA UNDER THE EMBANKMENT SHALL BE CLEARED, GRUBBED, AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED AS NEEDED TO FACILITATE SEDIMENT CLEANSOUT.
3. FILL MATERIAL USED FOR THE EMBANKMENT SHALL BE FREE OF ROOTS OR OTHER WOODY VEGETATION AS WELL AS OVERSIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BE TRAVELING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED. MAXIMUM HEIGHT OF THE EMBANKMENT SHALL BE 5 FT. AS MEASURED FROM THE SURROUNDING GROUND.
4. CUT-AND-FILL SLOPES SHALL BE 2:1 OF FLATTER.
5. DIKES DIRECTING WATER TO THE TRAP SHALL BE HIGHER THAN THE HEIGHT OF THE EMBANKMENT.
6. TEMPORARY SEEDING SHALL BE ESTABLISHED ON ALL NONSUBMERGED AREAS OF THE SEDIMENT TRAP.
7. THE STORAGE VOLUME BELOW THE CREST OF THE OUTLET SHALL BE ACHIEVED TO THE DIMENSIONS SHOWN IN THE PLANS.
8. THE OUTLET SPILLWAY SHALL BE CONSTRUCTED TO THE DIMENSIONS SHOWN IN THE PLANS.
9. GEOTEXTILE SHALL BE PLACED AS SHOWN. SECTIONS OF GEOTEXTILE SHALL OVERLAP AT LEAST 2 FT.
10. ROCK USED IN THE OUTLET SPILLWAY SHALL BE PLACED 1 FT. THICK ON THE GEOTEXTILE. THE ROCK SHALL BE BETWEEN TYPE C AND TYPE D ROCK WHERE D IS ABOUT 8 IN.
11. SEDIMENT SHALL BE REMOVED AND THE SEDIMENT TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS FILLED ONE-HALF THE POND'S ORIGINAL DEPTH. REMOVED SEDIMENT SHALL BE SPREAD IN A SUITABLE AREA AND STABILIZED SO IT WILL NOT ERODE.
12. THE STRUCTURE AND ACCUMULATED SEDIMENT SHALL BE PERMANENTLY STABILIZED WHEN THE DRAINAGE AREA HAS BEEN STABILIZED.
13. THE CONTRACTOR SHALL MONITOR AND MAINTAIN TRAP CAPACITY. STABILIZATION IS PER THE OHIO EPA CONSTRUCTION STORM WATER PERMIT (OBTAINED BY THE CONTRACTOR).



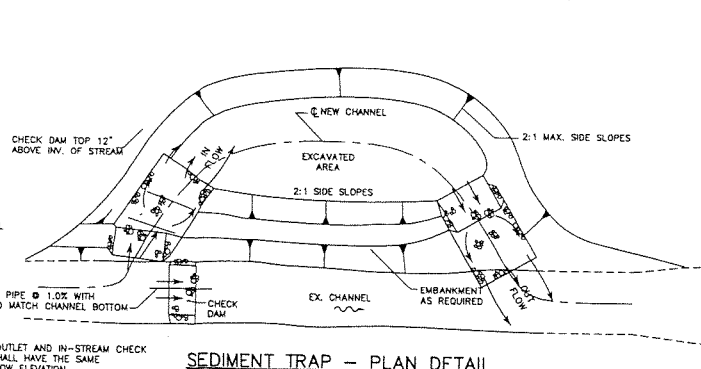
SEDIMENT TRAP / CHECK DAM OUTLET PROFILE  
NOT TO SCALE



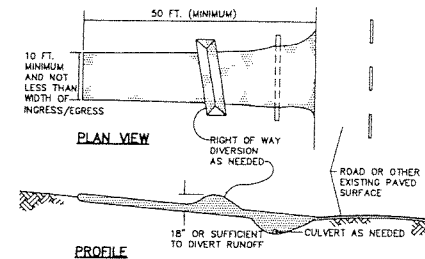
CROSS SECTION  
NOT TO SCALE



ROCK CHANNEL PROTECTION DETAIL  
NOT TO SCALE



SEDIMENT TRAP -- PLAN DETAIL  
NOT TO SCALE



PROFILE

1. STONE SIZE --- TWO INCH STONE SHALL BE USED, RECYCLED CONCRETE WILL NOT BE PERMITTED.
2. LENGTH --- THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 50 FT.
3. THICKNESS --- THE STONE LAYER SHALL BE AT LEAST 6 IN. THICK.
4. WIDTH --- THE ENTRANCE SHALL BE AT LEAST 10 FT. WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. BEDDING --- A GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL HAVE A TENSILE STRENGTH OF AT LEAST 200 LB. AND MULLEN BURST STRENGTH OF AT LEAST 190 LB.
6. CULVERT --- A PIPE OF CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
7. WATER BAR --- A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
8. MAINTENANCE --- TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
9. CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF-SITE TRACKING.

CONSTRUCTION ENTRANCE DETAIL AND NOTES  
SCALE: NONE

## GENERAL EROSION CONTROL NOTES:

1. SEDIMENT PONDS/TRAPS AND PERIMETER CONTROLS SHALL BE IMPLEMENTED AS A FIRST STEP OF GRADING AND WITHIN 7 DAYS FROM THE START OF GRUBBING AND SHALL CONTINUE TO FUNCTION UNTIL UPLAND AREAS ARE STABILIZED.
2. DISTURBED AREAS WHICH WILL REMAIN UNWORKED FOR A PERIOD OF 21 DAYS OR MORE SHALL BE STABILIZED WITH SEEDING AND MULCHING OR OTHER APPROPRIATE MEANS WITHIN 7 DAYS.
3. EROSION CONTROL BLANKETS WITH MATTING WILL BE USED ON DITCHES GREATER THAN 1.5% AND ALL OTHER SLOPES GREATER THAN 6% GRADE.
4. BUILDER IS RESPONSIBLE FOR EROSION CONTROL ON INDIVIDUAL LOT. BUILDER MUST FILE INDIVIDUAL LOT NOTICE OF INTENT (NOI) WITH OHIO EPA.
5. NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.
6. OFF-SITE VEHICLE TRACKING SEDIMENT SHALL BE MINIMIZED. CONSTRUCTION VEHICLES ARE LIMITED TO THE CONSTRUCTION ACCESS ROAD(S) NOTED ON THE PLAN.
7. ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST MEET THE STANDARDS AND SPECIFICATIONS OF THE OHIO RAINWATER AND LAND DEVELOPMENT HANDBOOK (1998).
8. OTHER EROSION AND SEDIMENT CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS.
9. REGULAR INSPECTION AND MAINTENANCE WILL BE PROVIDED FOR ALL EROSION AND SEDIMENT CONTROL PRACTICES. RECORDS OF MAINTENANCE AND INSPECTIONS MUST BE KEPT THROUGHOUT THE CONSTRUCTION PERIOD. INSPECTIONS MUST BE MADE A MINIMUM OF ONCE EVERY 7 DAYS AND IMMEDIATELY AFTER STORM EVENTS GREATER THAN 0.5 INCHES OF RAIN IN A 24-HOUR PERIOD. PROVIDE NAME OF INSPECTOR, MAJOR OBSERVATIONS, DATE OF INSPECTION AND CORRECTIVE MEASURES TAKEN.
10. WATERIZATION --- ANY DISTURBED AREA THAT IS NOT GOING TO BE WORKED FOR 21 DAYS OR MORE MUST BE SEEDING AND MULCHING BY NOVEMBER 1 OR MUST HAVE A DORMANT SEEDING OR MULCH COVER APPLIED BETWEEN NOVEMBER 1 AND MARCH 1.

